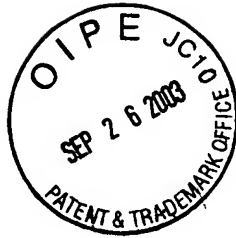


Case No. GCSD-1464 (51331)

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450



In re Application of: **CAIN ET AL.**  
Serial No.: **10/658,022**  
Filed: **September 9, 2003**  
For: **MOBILE AD-HOC NETWORK (MANET) WITH QUALITY-OF-SERVICE (QOS) PROTOCOL HIERARCHY AND RELATED METHODS**

Sir:

Transmitted herewith is an INFORMATION DISCLOSURE STATEMENT in the above-identified application.

1. ☒ This IDS is submitted under 37 C.F.R. § 1.97. No fee is required.
2. ☐ This IDS is submitted under 37 C.F.R. § 1.97(c). Enclosed is a check in the amount of \$ 180.00.
3. ☐ This IDS is submitted under 37 C.F.R. § 1.97(c) and (e). No fee is required.
4. ☐ This IDS is submitted under 37 C.F.R. § 1.97(d) and (e). Enclosed is a check in the amount of \$ 130.00 to cover the petition fee.
5. ☒ The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 08-0870.
6. ☒ Please associate this application with Customer No. 27975.



27975

PATENT TRADEMARK OFFICE

Date: September 24, 2003

  
JOHN F. WOODSON, II  
Reg. No. 45,236

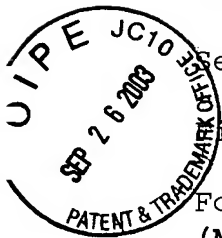
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
CAIN ET AL. )

Serial No. 10/658,022 )

Filing Date: September 9, 2003 )

For: MOBILE AD-HOC NETWORK )  
(MANET) WITH QUALITY-OF-SERVICE )  
(QOS) PROTOCOL HIERARCHY AND )  
RELATED METHODS )



CITATION UNDER 37 CFR §1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is Form PTO-1449 listing several references for consideration in the examination of the above-identified application. A copy of each reference is also enclosed. It is requested that these references be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR §1.97 and Section 609 of the MPEP.

Respectfully submitted,

JOHN F. WOODSON, II  
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407/841-2330  
Attorney for Applicants

In re Patent Application of:

CAIN ET AL.

Serial No. 10/658,022

Filing Date: September 9, 2003



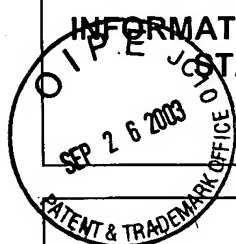
CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24th day of September, 2003.

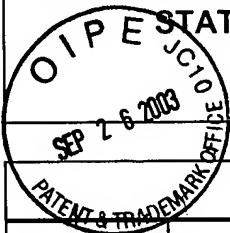
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**INFORMATION DISCLOSURE  
STATEMENT**

 Atty Docket:  
 Serial No.:  
 Applicant:  
 Filing Date:  
 Group:

 GCSD-1464 (51331)  
 10/658,022  
 Cain et al.  
 September 9, 2003

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Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
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	AB	5,581,703	12/3/96	Baugher et al.	395	200.6	
	AC	5,884,174	3/16/99	Nagarajan et al.	455	436	
	AD	5,987,011	11/16/99	Toh	370	331	
	AE	6,189,033	2/13/01	Jin et al.	709	255	
	AF	6,216,006	4/10/01	Scholefield et al.	455	450	
	AG	6,304,556	10/16/01	Haas	370	254	
	AH	2001/0033556	10/25/01	Krishnamurthy et al.	370	329	1/18/01
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	AT	6,473,467	10/29/02	Wallace et al.	375	267	
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<b>INFORMATION DISCLOSURE STATEMENT</b> 	Atty Docket:	GCSD-1464 (51331)
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	Applicant:	Cain et al.
	Filing Date:	September 9, 2003
	Group:	

## U.S. PATENT DOCUMENTS

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	BA	2003/0053424	3/20/03	Krishnamurthy et al.	370	316	8/7/01
	BB	2003/0067941	4/10/03	Fall	370	468	10/9/01

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		Document Number	Date	Country	Class	Sub Class	Translation
	BC						

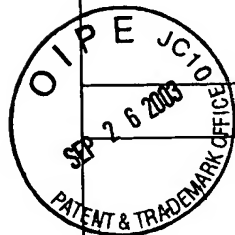
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	BJ	Krishna et al., <i>A Cluster Based Approach for Routing in Dynamic Networks</i> , ACM Computer Communications Review, 27(2), April 1997					
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	BM	Van Dyck et al., <i>Distributed Sensor Processing Over an Ad-Hoc Wireless Network: Simulation Framework And Performance Criteria</i> , Proceedings IEEE Milcom, Oct. 2001					
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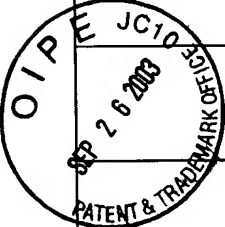

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CH	Chen, "Routing Support for Providing Guaranteed End-to-End Quality-of-Service," Ph.D. thesis, Univ. of Illinois at Urbana-Champaign, <a href="http://cairo.cs.uiuc.edu/papers/Scthesis.ps">http://cairo.cs.uiuc.edu/papers/Scthesis.ps</a> , 1999
CI	Jin et al., <i>A Hierarchical Routing Protocol for Large Scale Ad Hoc Network</i> , IEEE 1999, pages 379-385.
CJ	Gerla et al., <i>Multicluster, Mobile, Multimedia Radio Network</i> , Wireless Networks I, 1995, pages 255-265.

**EXAMINER:****DATE CONSIDERED:**

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.